PRISM
NON-NATIVE PLANT INVASIVENESS RANKING FORM
New York Partnerships For Regional Invasive Species Management

PRISM: Long Island Invasive Species Management Area

Scientific name: Eragrostis curvula
Common names: Weeping lovegrass
Native Distribution: Africa
Date Assessed: July 31, 2008
PRISM Assessors: Gerry Moore
PRISM Reviewers: LIISMA SRC
Date Approved: 2008-08-20

New York Relative Maximum score: 57.14
New York State Invasive Rank: Moderate

Date NY assessment approved: 2008-08-20
Form version date: 2008-07-24

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Widespread

Estimated number of infested sites: ca. 10

PRISM Invasiveness Rank: Moderate

A. DISTRIBUTION AND ABUNDANCE (KNOWN/POTENTIAL):

1. What is the species distribution and abundance in the PRISM?
   A. Not present Not Present
   B. Occurs in three or fewer natural areas (locations that are at least ¼ mile apart) with no infested area* >1 acre or containing >100 individuals Restricted
   C. Present in 4–10 natural areas, or with one occupied location >1 acre or containing >100 individuals Common
   D. Present in >10 minimally managed areas Widespread
   U. Unknown Unknown

   Answer: Widespread

   Describe distribution:
   Scattered in the LIISMA with perhaps as many as 10 sites; more field work needed to determine how widespread. Seen at a number of location in Gateway area in Queens County and Kings County; also seen in Suffolk County.
   Sources of information:
   Weldy & Werier, 2005; Brooklyn Botanic Garden, 2008; author's personal observations; Polly Weigand personal observations.

2. What is the likelihood the species will occur (if not yet present) or expand its distribution and abundance (if already present) in the PRISM?

Answer: Very likely

Documentation (e.g.: history of establishment in PRISM, suitability of habitats and climate, distribution models, literature, expert opinions):
Species is already present; much available habitat in the coastal systems, especially in the Pine Barrens.
Sources of information:
Author's personal observations.

B. INVASIVENESS RANK IN THE PRISM:

Is the species distribution Widespread or Common?
Yes: Go to column A in table below.
No: What is the likelihood of species occurrence or expansion? Answer:

Very Likely: Use column A below
Moderately likely: Use column B below
Unlikely: Use column C below
Zero likelihood Invasive potential Insignificant
Unknown Invasive potential Unknown
Not assessed Invasive potential not assessed

Assign a PRISM invasiveness rank to the species based on its New York Relative Maximum Score, using the designated column in the table below.

<table>
<thead>
<tr>
<th>New York Relative Maximum Score</th>
<th>New York Invasiveness Rank</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 80.00</td>
<td>Very High</td>
<td>VH</td>
<td>H</td>
<td>M</td>
</tr>
<tr>
<td>70.00-80.00</td>
<td>High</td>
<td>H</td>
<td>M</td>
<td>L</td>
</tr>
<tr>
<td>50.00-69.99</td>
<td>Moderate</td>
<td>M</td>
<td>L</td>
<td>Ins</td>
</tr>
<tr>
<td>40.00-49.99</td>
<td>Low</td>
<td>L</td>
<td>Ins</td>
<td>Ins</td>
</tr>
<tr>
<td>&lt;40.00</td>
<td>Insignificant</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Column used: A

References for species assessment:


Citation: This ranking form for regions within NYS may be cited as: Jordan, M.J., G. Moore and T.W. Weldy. 2008. Invasiveness ranking system for non-native plants of New York. Unpublished. The Nature Conservancy, Cold
Acknowledgments: Valuable contributions by members of the Long Island Invasive Species Management Area’s Scientific Review Committee were incorporated in revisions of this form.